



**BASIC IMAGERY  
INTERPRETATION  
REPORT**

NATIONAL PHOTOGRAPHIC  
INTERPRETATION CENTER

**DEPLOYMENT AT SS-9 ICBM COMPLEXES  
ALEYSK  
DOMBAROVSKIY  
IMENI GASTELLO  
KARTALY  
UZHUR  
ZHANGIZ-TOBE**

**DEPLOYED STRATEGIC SSM FACILITIES  
USSR  
MAY 1970**

Declass Review by NIMA/DOD

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INSTALLATION OR ACTIVITY NAME

Deployment at SS-9 ICBM Complexes

COUNTRY

UR

UTM COORDINATES

NA

GEOGRAPHIC COORDINATES

See below

BE NUMBER

See below

COMIREX NO.

See below

NIETB NO.

See below

MAP REFERENCE

Various

		NEGATION DATE (if required)
		Various

Complex	Coordinates
Aleysk	52-29N 082-42E
Dombarovskiy	50-58N 059-44E
Imeni Gastello	51-03N 066-14E
Kartaly	52-59N 060-31E
Uzhur	55-15N 089-30E
Zhangiz-Tobe	49-13N 081-09E

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## ABSTRACT

The Soviet SS-9 missile system is deployed exclusively at six complexes in central USSR: Aleysk, Dombarovskiy, Imeni Gastello, Kartaly, Uzhur, and Zhangiz-Tobe. Data relating to estimated construction starts, construction timing, site completion dates, and site coordinates is recorded in this publication. Location maps showing launch site deployment at each of the six complexes are also included.

The information is current

## INTRODUCTION

The SS-9 missile is deployed in groups of six at six complexes in central USSR (Figure 1). The rate of deployment since its onset in early 1964 is shown in Figure 2.

The magnitude of deployment at these six complexes as of 1 March 1970 is as follows:

Complex	Identified Groups	Identified Sites
Aleysk	5	30
Dombarovskiy	10	60
Imeni Gastello	8	48
Kartaly	6	36
Uzhur	9	54
Zhangiz-Tobe	8	47
	46	275

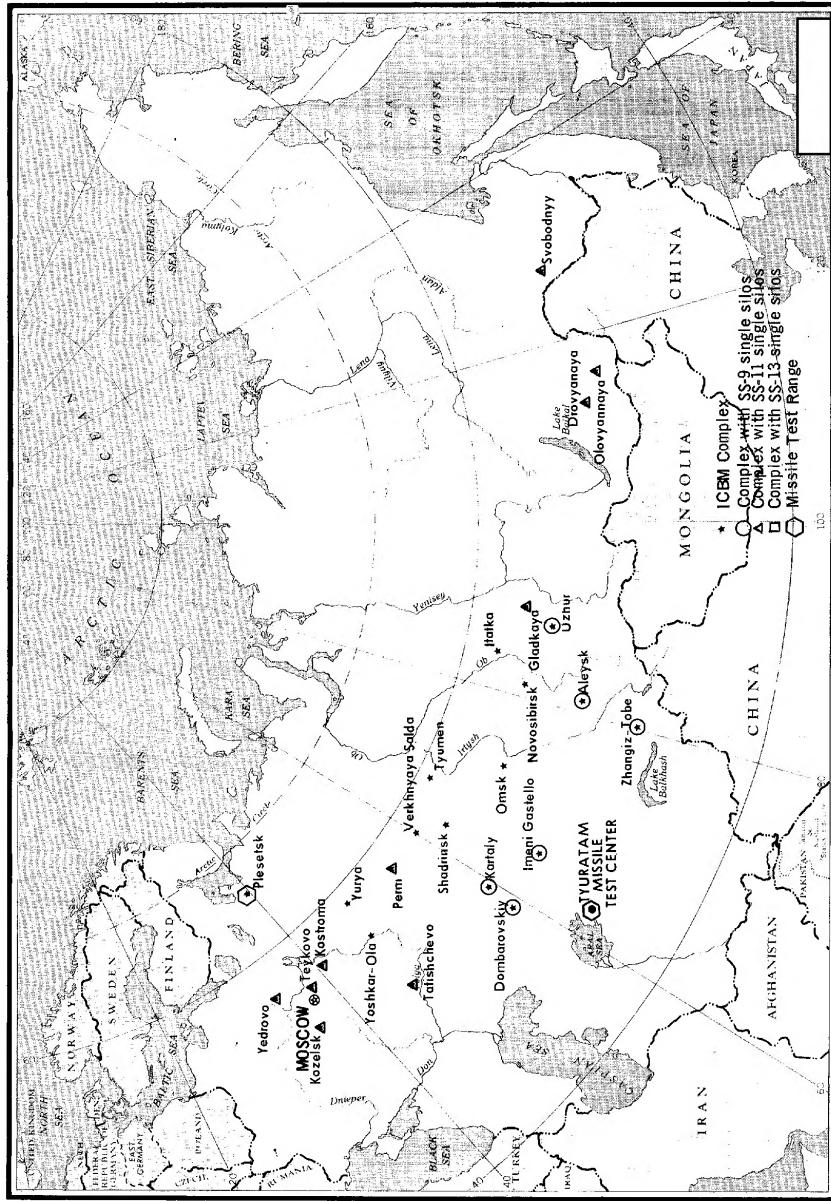
In addition there is one site at the rail-to-road transfer point<sup>1</sup> of each of the six complexes, which is primarily for training but may have an operational capability.

In addition to its launch sites, each complex has the following components: a headquarters command and control facility, an alternate command and control facility,<sup>2</sup> a rail-to-road transfer point, and complex support facilities.

Eight new groups -- two at each of three complexes, Dombarovskiy, Imeni Gastello, and Zhangiz-Tobe, and one each at Aleysk and Uzhur -- have been identified during 1969. No new groups have been identified at the Kartaly complex.

An alternate command and control facility has been identified at each of the six complexes. This facility is complete at the Uzhur complex, while at the other five complexes it is under construction.

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FIGURE 1. DEPLOYMENT OF SOVIET ICBM COMPLEXES. SS-9 complexes shown in red.

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## BASIC DESCRIPTION

A summary of significant findings at each type IIIC (SS-9) complex follows:

### Aleysk ICBM Complex

The Aleysk ICBM Complex<sup>3</sup> (Figure 3 and Table 1) is approximately 150 nautical miles (nm) south of Novosibirsk. The complex has a total of 30 launch sites in five launch groups, designated A through E. Deployment was first identified at the complex in [redacted] when launch site 1 in Launch Group A was observed in an early stage of construction. The latest of the five groups, the E group, was identified [redacted]. The other four groups -- A through D -- are complete, with the D group being completed in [redacted].

[redacted]  
The L-shaped electronics device at the training site (14X) was observed complete in [redacted]. This is the only SS-9 training site with an L-shaped electronics device and, as yet, its function is unknown.

The alternate command and control facility is adjacent to launch site 22D and is in the midstage of construction.

### Dombarovskiy ICBM Complex

The Dombarovskiy ICBM Complex (Figure 4 and Table 2), in the southern Urals region, approximately 45 nm east-southeast of the city of Orsk, is the largest of the SS-9 complexes, with a total of 60 launch sites in ten launch groups (A through J). Since the latest report<sup>4</sup> two launch groups have been identified -- the I group in May and the H group [redacted].

[redacted]  
Seven of the launch groups, A through G, are complete, with the G group being completed [redacted]. The H group when last observed [redacted] was in the midstage of construction.

The alternate command and control facility is adjacent to launch site 44G and is in the midstage of construction.

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Table 1. Data on Facilities at the Aleysk ICBM Complex

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Facility	Completion or Constr Status	Geographic Coords Lat Long	200 Chart
Aleysk ICBM Complex		52-29-20N 082-42-08E	25HL
Hq com & control & rec fac		52-29-30N 082-44-59E	25HL
Alternate com & control fac (at L/S 22D) (28 nm ESE of HCC)	Mid	52-23-32N 083-29-15E	25HL
Transmitting fac (28 nm WNW of HCC)	--	52-39-55N 082-00-45E	25HL
Complex support facilities	NA	52-28-59N 082-43-52E	25HL
Rail-to-road transfer point	NA	52-28-20N 082-41-34E	25HL

Launch Group & Site	Type	Azi-muth	Geographic Coords Lat Long	200 Chart	Approx Elevation (meters)	Approx Elevation (feet)
Group A						
1A	IIIC	310	52-27-34N 082-35-51E	25HL	201	660
2A	IIIC	310	52-30-02N 082-40-27E	25HL	201	660
3A*	IIIC		52-33-33N 082-42-15E	25HL	201	660
5A	IIIC	310	52-35-37N 082-30-04E	25HL	201	660
6A	IIIC	310	52-36-40N 082-35-19E	25HL	201	660
12A	IIIC	310	52-33-07N 082-34-52E	25HL	201	660
Group B						
7B	IIIC	310	52-24-02N 082-46-38E	25HL	201	660
8B*	IIIC		52-18-12N 082-49-42E	25HL	252	825
9B	IIIC	310	52-15-18N 082-38-37E	25HL	252	825
10B	IIIC	310	52-10-18N 082-35-47E	25HL	252	825
11B	IIIC	310	52-12-06N 082-43-36E	25HL	252	825
13B	IIIC	310	52-20-00N 082-41-11E	25HL	201	660
Group C						
15C	IIIC		52-22-21N 082-55-57E	25HL	252	825
16C	IIIC		52-29-19N 082-57-24E	25HL	205	673
17C	IIIC		52-31-33N 083-05-56E	25HL	201	660
18C*	IIIC		52-24-05N 083-05-22E	25HL	213	700
19C	IIIC		52-28-28N 083-11-58E	25HL	207	680
20C	IIIC		52-35-01N 083-13-42E	25HL	201	660
Group D						
21D	IIIC		52-29-41N 083-36-18E	25HL	295	640
22D*	IIIC		52-23-27N 083-29-15E	25HL	201	660
23D	IIIC		52-25-00N 083-39-55E	25HL	151	495
24D	IIIC		52-18-17N 083-24-42E	25HL	201	660
25D	IIIC		52-19-13N 083-38-40E	25HL	201	660
26D	IIIC		52-15-32N 083-31-57E	25HL	152	500
Group E						
27E	IIIC		52-47-13N 083-35-20E	25HL	201	660
28E	IIIC		52-43-30N 083-29-24E	25HL	201	660
29E*	IIIC		52-38-16N 083-28-27E	25HL	201	660
30E	IIIC		52-39-48N 083-37-38E	25HL	201	660
31E	IIIC		52-33-44N 083-24-55E	25HL	201	660
32E	IIIC		52-34-25N 083-36-54E	25HL	201	660
14X (training site)			52-28-18N 082-40-47E	25HL	201	660

\*Control site.

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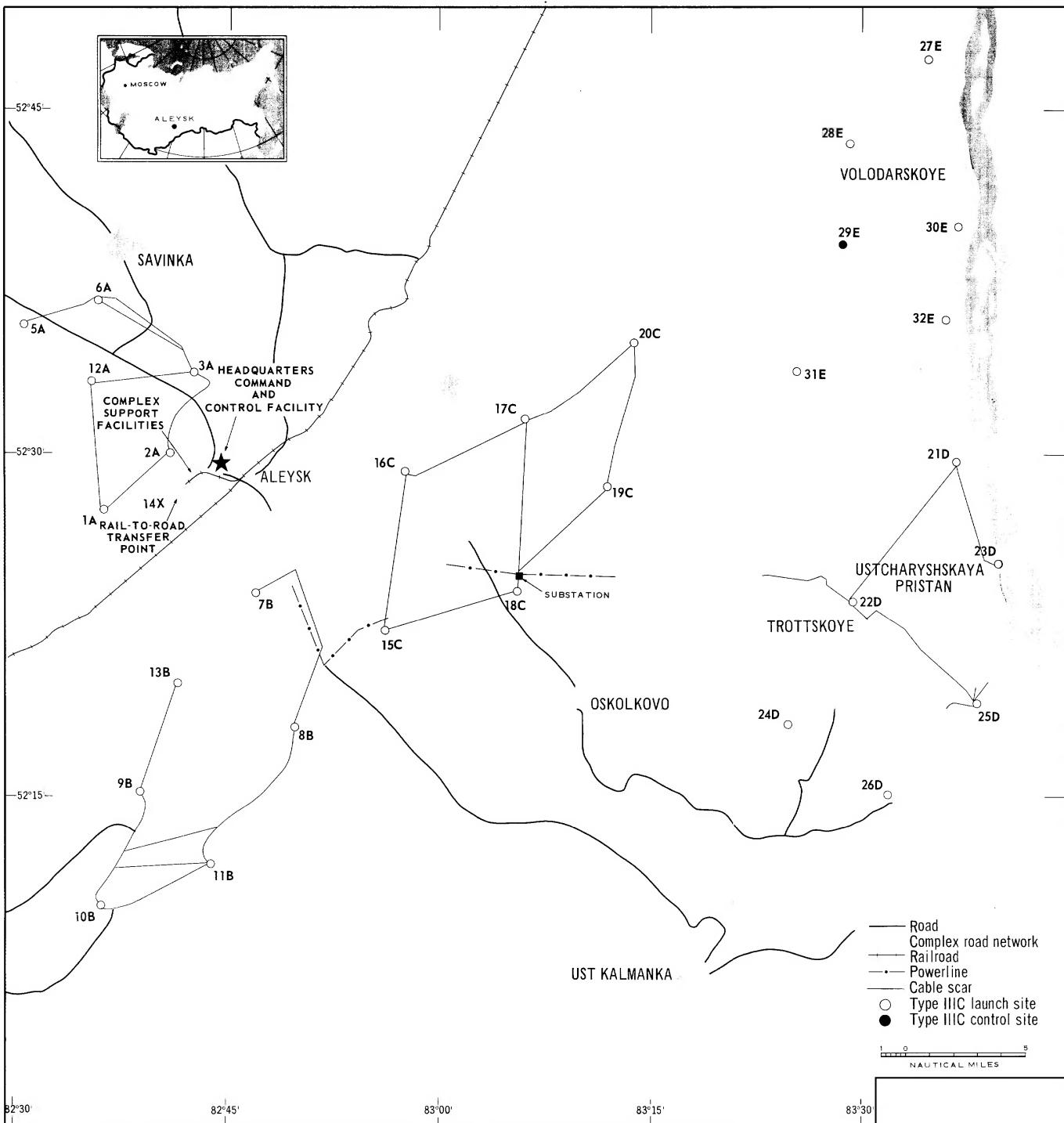


FIGURE 3. ALEYSK ICBM COMPLEX, USSR

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Table 2. Data on Facilities at the Dombarovskiy ICBM Complex

Facility	Completion or Counter Status	Geographic Coords Lat Long	200 Chart		200 Chart
			200	200	
Dombarovskiy ICBM Complex		50-05-18N 059-44-40E			
1A IIC	IHC				
2A IIC	IHC				
3A* IIC	IHC				
4A IIC	IHC				
5A IIC	IHC				
6A IIC	IHC				
7A IIC	IHC				
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12A IIC	IHC				
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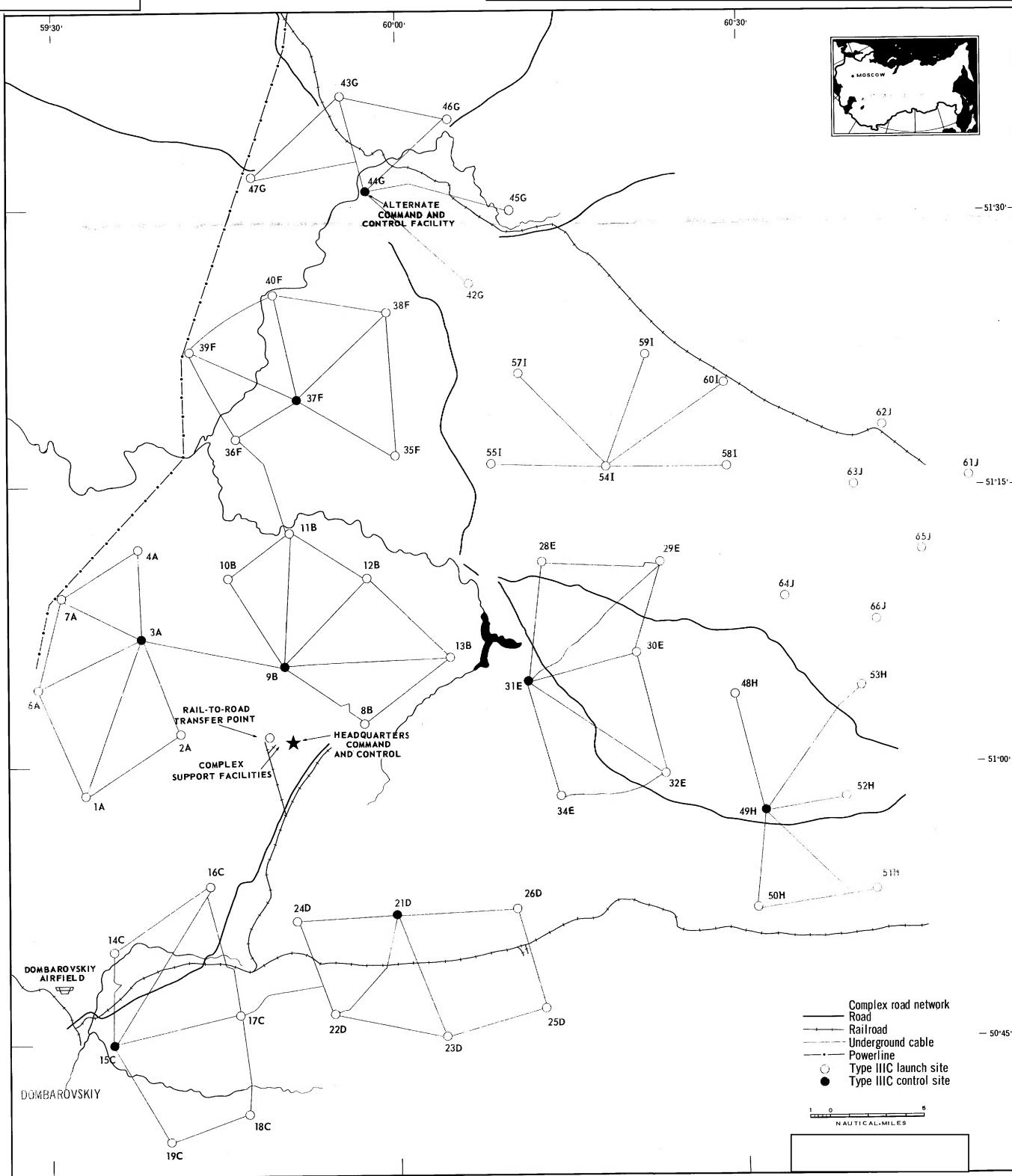


FIGURE 4. DOMBAROVSKIY ICBM COMPLEX, USSR

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Table 3. Data on Facilities at the Imeni Castello ICBM Complex

Facility	Geographic Coords Lat Long	200 Chart
Imeni Castello ICBM Complex	51-03-30N 066-14-00E	8HL
HQ com control & receiving fac	51-07-26N 066-20-19E	8HL
Alternate com & control fac (at Launch Site 34F) (36 km NW of HCC)	51-31-12N 065-39-57E	3HL
Transmitting facility (46 km N of HCC)	51-51-40N 066-13-55E	3HL
Complex support facilities	51-06-49N 066-17-56E	8HL
Rail-to-road transfer point	51-06-28N 066-16-44N	8HL

Launch Group & Site	Type	Azimuth	Geographic Coords Lat Long	200 Chart	Approx Elevation (meters) (feet)
<b>Group A</b>					
1A	IIC		51-03-22N 066-05-07E	8HL	274 900
2A	IIC		51-08-34N 066-01-01E	8HL	305 1,000
3A	IIC		51-10-19N 066-04-50E	8HL	305 1,000
4A*	IIC		51-07-39N 066-11-38E	8HL	274 900
5A	IIC		51-13-53N 066-11-38E	8HL	274 900
6A	IIC		51-14-11N 066-05-00E	8HL	305 1,000
<b>Group B</b>					
7B*	IIC		50-57-35N 066-08-14E	8HL	305 1,000
8B	IIC		50-57-47N 065-59-07E	8HL	305 1,000
9B	IIC		50-58-15N 065-16-19E	8HL	274 900
10B	IIC		50-53-05N 065-17-22E	8HL	305 1,000
11B	IIC		50-52-30N 065-59-30E	8HL	305 1,000
12B	IIC		50-52-14N 066-08-55E	8HL	274 900
<b>Group C</b>					
13C	IIC		50-56-18N 065-49-32E	8HL	305 1,000
14C	IIC		50-54-48N 066-41-18E	8HL	244 800
15C	IIC		50-54-31N 065-33-09E	8HL	244 800
16C	IIC		51-02-44N 065-50-26E	8HL	259 550
17C*	IIC		51-02-02N 065-41-16E	8HL	183 600
18C	IIC		51-00-38N 065-31-33E	8HL	244 800
<b>Group D</b>					
19D	IIC		51-19-26N 066-16-20E	3HL	274 900
20D	IIC		51-24-38N 066-15-47E	3HL	274 900
22D*	IIC		51-25-49N 066-07-10E	3HL	274 900
23D	IIC		51-19-36N 066-08-28E	3HL	274 900
24D	IIC		51-27-03N 065-57-58E	3HL	274 900
25D	IIC		51-20-39N 065-57-56E	3HL	274 900
<b>Group E</b>					
26E	IIC	305	51-08-37N 065-53-03E	3HL	305 1,000
27E	IIC	305	51-13-54N 065-54-50E	3HL	305 1,000
28E	IIC	305	51-18-35N 065-49-34E	3HL	305 1,000
29E*	IIC	305	51-07-28N 065-43-38E	3HL	305 1,000
30E	IIC	305	51-11-34N 065-45-46E	3HL	305 1,000
31E	IIC	305	51-16-20N 065-43-25E	3HL	274 900
<b>Group F</b>					
32F	IIC	Undet	51-24-00N 065-49-47E	3HL	305 1,000
33F	IIC	Undet	51-20-30N 065-48-26E	3HL	274 900
34F*	IIC	Undet	51-31-18N 065-39-46E	3HL	274 900
35F	IIC	Undet	51-26-28N 065-31-22E	3HL	305 1,000
36F	IIC	Undet	51-21-28N 065-33-20E	3HL	305 1,000
37F	IIC	Undet	51-26-33N 065-41-06E	3HL	305 1,000
<b>Group G</b>					
38G	IIC	Undet	51-32-33N 066-18-47E	3HL	274 900
39G*	IIC	Undet	51-36-49N 066-19-57E	3HL	243 800
40G	IIC	Undet	51-30-06N 066-19-07E	3HL	274 900
41G	IIC	Undet	51-32-51N 066-05-11E	3HL	274 900
42G	IIC	Undet	51-35-36N 066-11-31E	3HL	274 900
43G	IIC	Undet	51-40-40N 066-18-08E	3HL	243 800
<b>Group H</b>					
44H	IIC	Undet	51-41-19N 066-06-39E	3HL	274 900
45H	IIC	Undet	51-37-38N 066-01-34E	3HL	274 900
46H	IIC	Undet	51-33-27N 065-56-10E	3HL	274 900
47H	IIC	Undet	51-35-37N 065-46-66E	3HL	274 900
48H	IIC	Undet	51-38-38N 065-53-66E	3HL	274 900
49H	IIC	Undet	51-42-08N 065-58-27E	3HL	274 900
Training Site 21X	IIC		51-06-17N 066-16-01E	8HL	244 800

\*Control site

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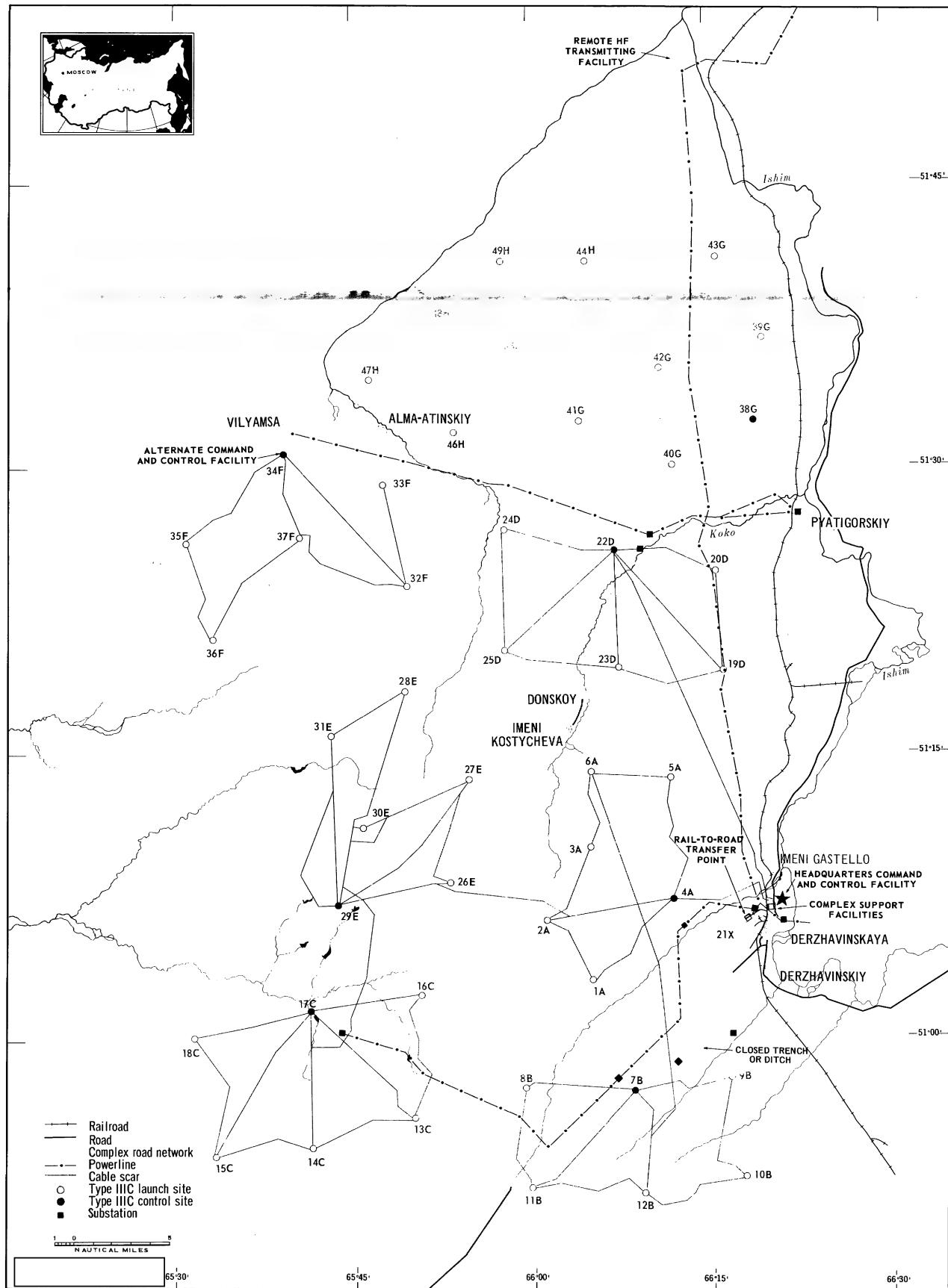


FIGURE 5. IMENI GASTELLO ICBM COMPLEX, USSR

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Table 4. Data on Facilities at the Kartaly ICBM Complex

Facility	Completion or Constr Status	Geographic Coords Lat Long	200 Chart	
Kartaly ICBM Complex	..	52-59-20N 060-31-40E	17HL	
HQ command & control facility & receiving fac	..	53-02-24N 060-36-23E	17HL	
Alternate com & control fac (at Launch Site 32E) (22 nm SW of HCC)	Mid	52-42-39N 060-24-32E	22HL	
Transmitting fac (30 nm NE of HCC)	..	53-24-32N 060-57-25E	17HL	
Complex support facilities	..	53-02-23N 060-36-25E	17HL	
Rail-to-road transfer point	..	53-01-10N 060-34-20E	17HL	

Launch Group & Site	Type	Azi-muth	Geographic Coords Lat Long	200 Chart	Approx Elevation (meters) (feet)
<b>Group A</b>					
1A*	IIC	285	53-01-34N 060-25-38E	17HL	366 1,200
2A	IIC	285	52-56-29N 060-31-31E	17HL	335 1,100
3A	IIC	285	52-55-51N 060-23-58E	17HL	366 1,200
4A	IIC	285	52-51-27N 060-27-02E	17HL	305 1,000
5A	IIC	285	53-00-05N 060-15-26E	17HL	366 1,200
6A	IIC	285	53-04-21N 060-15-35E	17HL	366 1,200
<b>Group B</b>					
7B	IIC		53-09-19N 060-41-28E	18HL	305 1,000
8B*	IIC		53-08-10N 060-32-33E	17HL	305 1,000
10B	IIC		53-09-11N 060-23-53E	17HL	366 1,200
11B	IIC		53-12-37N 060-32-29E	17HL	366 1,200
12B	IIC		53-14-08N 060-39-13E	17HL	305 1,000
13B	IIC		53-15-40N 060-23-25E	17HL	366 1,200
<b>Group C</b>					
14C*	IIC	285	53-00-35N 060-46-37E	18HL	274 900
15C	IIC	285	52-57-37N 060-39-04E	18HL	305 1,000
18C	IIC	285	52-51-09N 060-38-29E	18HL	305 1,000
19C	IIC	285	52-53-39N 060-16-23E	18HL	305 1,000
20C	IIC	285	52-57-57N 060-55-20E	18HL	274 900
21C	IIC	285	52-51-37N 060-55-00E	18HL	274 900
<b>Group D</b>					
24D	IIC	290	52-43-53N 060-34-00E	22HL	305 1,000
25D	IIC	290	52-41-32N 060-41-42E	23A	305 1,000
26D	IIC	290	52-36-15N 060-45-59E	23A	305 1,000
28D	IIC	290	52-46-36N 060-42-17E	23A	305 1,000
29D*	IIC	290	52-36-29N 060-36-23E	23A	305 1,000
30D	IIC	290	52-31-20N 060-40-27E	23A	305 1,000
<b>Group E</b>					
31E	IIC	290	52-47-24N 060-20-30E	17HL	366 1,200
32E*	IIC	290	52-42-35N 060-24-22E	22HL	305 1,000
34E	IIC	290	52-46-57N 060-13-01E	22HL	366 1,200
36E	IIC	290	52-42-17N 060-15-55E	22HL	366 1,200
37E	IIC	290	52-35-58N 060-22-50E	22HL	366 1,200
38E	IIC	290	52-35-55N 060-12-59E	22HL	366 1,200
<b>Group F</b>					
39F	IIC	290	53-04-34N 060-46-18E	18HL	274 900
40F	IIC	290	53-10-51N 060-50-07E	18HL	274 900
41F*	IIC	290	53-03-39N 060-57-30E	18HL	0243 800
42F	IIC	290	53-03-00N 061-07-00E	18HL	0243 800
46F	IIC	290	53-07-23N 061-14-00E	18HL	0243 800
47F	IIC	290	53-08-31N 061-03-31E	18HL	0243 800
Training site 2TX	IIC		53-00-55N 060-33-26E	17HL	335 1,100
Dummy site A	NA		52-52N 060-19E	17HL	305 1,000
Dummy site B	NA		52-52N 060-09E	17HL	366 1,200

\*Control site.

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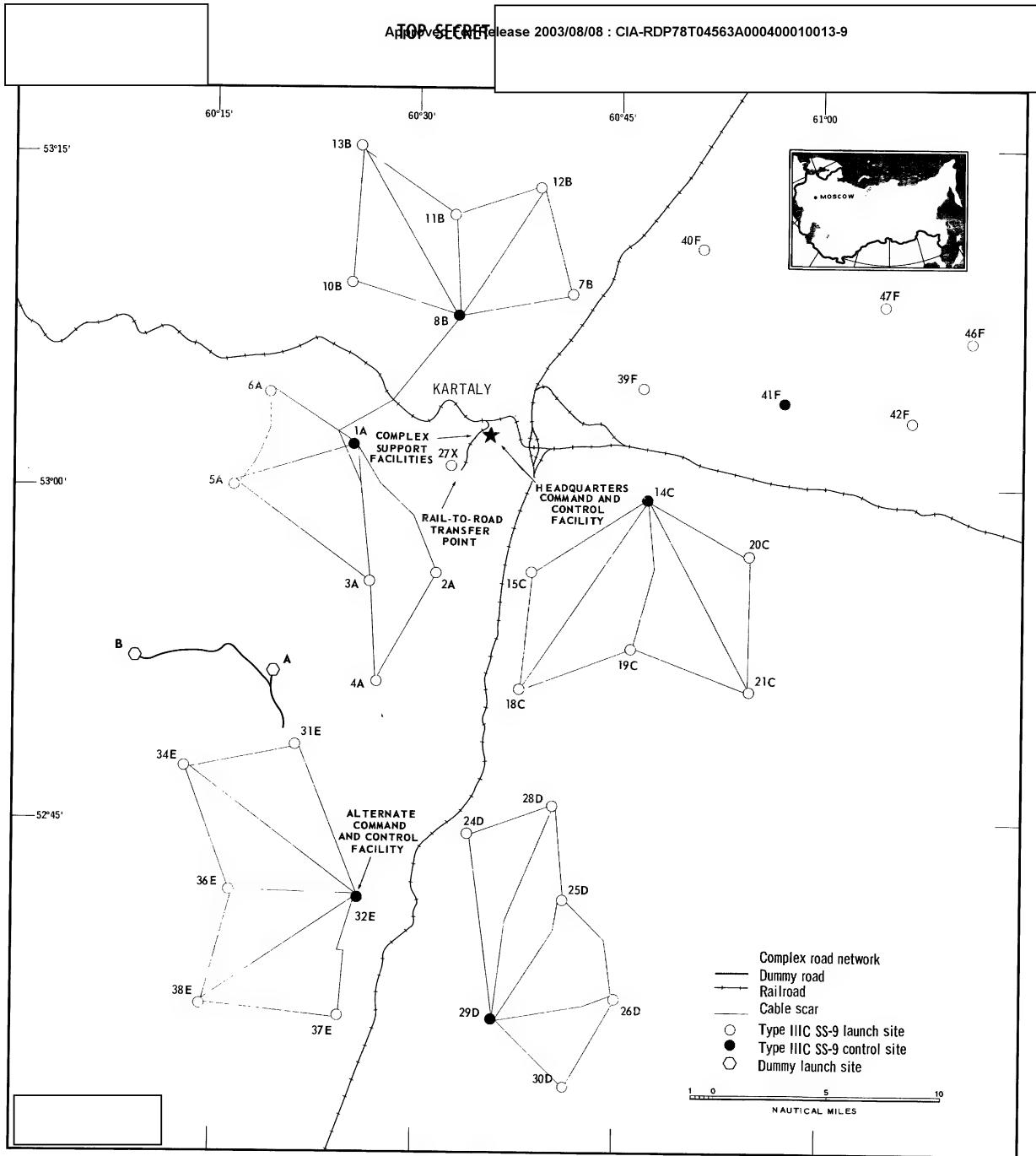


FIGURE 6. KARTALY ICBM COMPLEX, USSR

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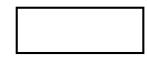
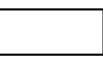


Table 5. Data on Facilities at the Ushua ICBM Complex

Facility	Geographic Coords (Lat & Long)	200 Chart	Geographic Coords Lat & Long	200 Chart
Ushua ICBM Complex			65 15-35N 089-30-30E	..
Heavy & medium & receiving for alternate cover & control for S-41F			65-17 14N 089-49-15E	4HL
16 km ESE of HCC			65-12 18N 090-14-09E	4HL
Transmitter facility 5.6 km NNE of HCC			66-08-02N 090-20-20E	4HL
Computer support facilities			65-17 12N 089-49-30E	4HL
Base to road transfer point			65-16-00N 089-44-31E	4HL

Launch Group	Type	Altitude	Geographic Coords (Lat & Long)	200 Chart	Above Elevation (meters) (feet)	Launch Group	Type	Geographic Coords Lat & Long	200 Chart	Above Elevation (meters) (feet)
Group A										
1A	HIC		55 19 18N 089 53-52E	4HL	505 1800	32F	HIC	55-08 01N 090 08-04E	4HL	610 2000
2A*	HIC		55-17-18N 089-38-32E	4HL	500 1840	34F	HIC	55 08 01N 090 08-04E	4HL	599 1810
3A	HIC		55 19-18N 089-33-07E	4HL	500 1840	34F	HIC	55 17 12N 090 15-01E	4HL	446 1300
4A	HIC		55-18-19N 089-34-43E	4HL	514 1840	36F	HIC	55-18-00N 090-24-43E	4HL	446 1300
5A	HIC		55-18-00N 089 33-38E	4HL	523 1700	36F	HIC	55-09-43N 090 25-10E	4HL	468 1600
6A	HIC		55-18-00N 089-33-43E	4HL	427 1400	37	HIC	55-09-43N 090 25-10E	4HL	427 1400
Group B										
7B	HIC		55-19-18N 089-38-43E	4HL	600 1970	38G	HIC	55 18 06N 090 38-43E	4HL	427 1400
8B*	HIC		55-18-17N 089 19-42E	4HL	610 2000	39G	HIC	55-08 01N 090 38-43E	4HL	599 1810
9B	HIC		55-18-17N 089-38-43E	4HL	500 1970	39G	HIC	55-17 12N 090 15-01E	4HL	446 1300
10B	HIC		55 19 18N 089 08 43E	4HL	500 1840	41G	HIC	55-18-00N 090-24-43E	4HL	446 1300
11B	HIC		55 18 18N 089 11 19E	4HL	515 1700	41G	HIC	55-18-00N 090-24-43E	4HL	446 1300
12B	HIC		55-18-00N 089-11-20E	4HL	427 1400	43G*	HIC	55-21 38N 090 44-00E	4HL	448 1800
Group C										
13C	HIC	315	55-09-51N 089-28-14E	4HL	500 1840	44H	HIC	55 18 06N 090 38-43E	4HL	533 1700
14C*	HIC	315	55-11 18N 089 42 10E	4HL	503 1800	45H*	HIC	55-08 01N 090 38-43E	4HL	598 1800
15C	HIC	315	55-09-51N 089-28-00E	4HL	427 1400	46H	HIC	55-17 12N 090 15-01E	4HL	446 1300
16C	HIC	315	55-09-01N 089-34-28E	4HL	500 1840	47H	HIC	55-18-00N 090-24-43E	4HL	446 1300
17C	HIC	315	55-09-00N 089-34 33E	4HL	442 1400	48H	HIC	55-18-00N 090-24-43E	4HL	446 1300
18C	HIC	315	55 18 51N 089 08-32E	4HL	500 1840	49H	HIC	55-30 08N 089 24-21E	4HL	448 1900
Group D										
20D	HIC		55-00-00N 089-16-19E	4HL	610 2000	50I	HIC	55-34 45N 089-29-16E	4HL	851 1150
21D*	HIC		55-00-01N 089-16-19E	4HL	515 1700	51I*	HIC	55-29-28N 089-43-43E	4HL	599 1810
22D	HIC		55-00-00N 089-16-19E	4HL	610 2000	52I	HIC	55-34 45N 089-29-16E	4HL	599 1810
23D	HIC		55-00-00N 089-15-43E	4HL	610 2000	53I	HIC	55-37-58N 089-49-42E	4HL	305 1000
24D	HIC		55-00-00N 089-15-43E	4HL	610 2000	54I	HIC	55-38-00N 089-21-12E	4HL	301 1000
25D	HIC		55-00-00N 089-16-19E	4HL	610 2000	55I	HIC	55-38-00N 089-20-07E	4HL	301 1000
Group E										
26E	HIC		55 19 10N 089-57-21E	4HL	515 1700	56I	HIC	55 34 45N 089-56-00E	4HL	851 1150
27E*	HIC		55 18 50N 089-54-14E	4HL	505 1700	57I*	HIC	55-29-28N 089-43-43E	4HL	599 1810
28E	HIC		55-00-00N 089-54-14E	4HL	457 1500	58I	HIC	55-37-58N 089-49-42E	4HL	305 1000
29E	HIC		55-00-00N 089-05 35E	4HL	515 1700	59I	HIC	55-38-00N 089-21-12E	4HL	301 1000
30E	HIC		55 18 50N 089-05 35E	4HL	505 1700	60I	HIC	55-38-00N 089-20-07E	4HL	301 1000
31E	HIC		55 18 50N 089-06-18E	4HL	427 1400	61I	HIC	55-38-00N 089-20-07E	4HL	301 1000

\*Control site.

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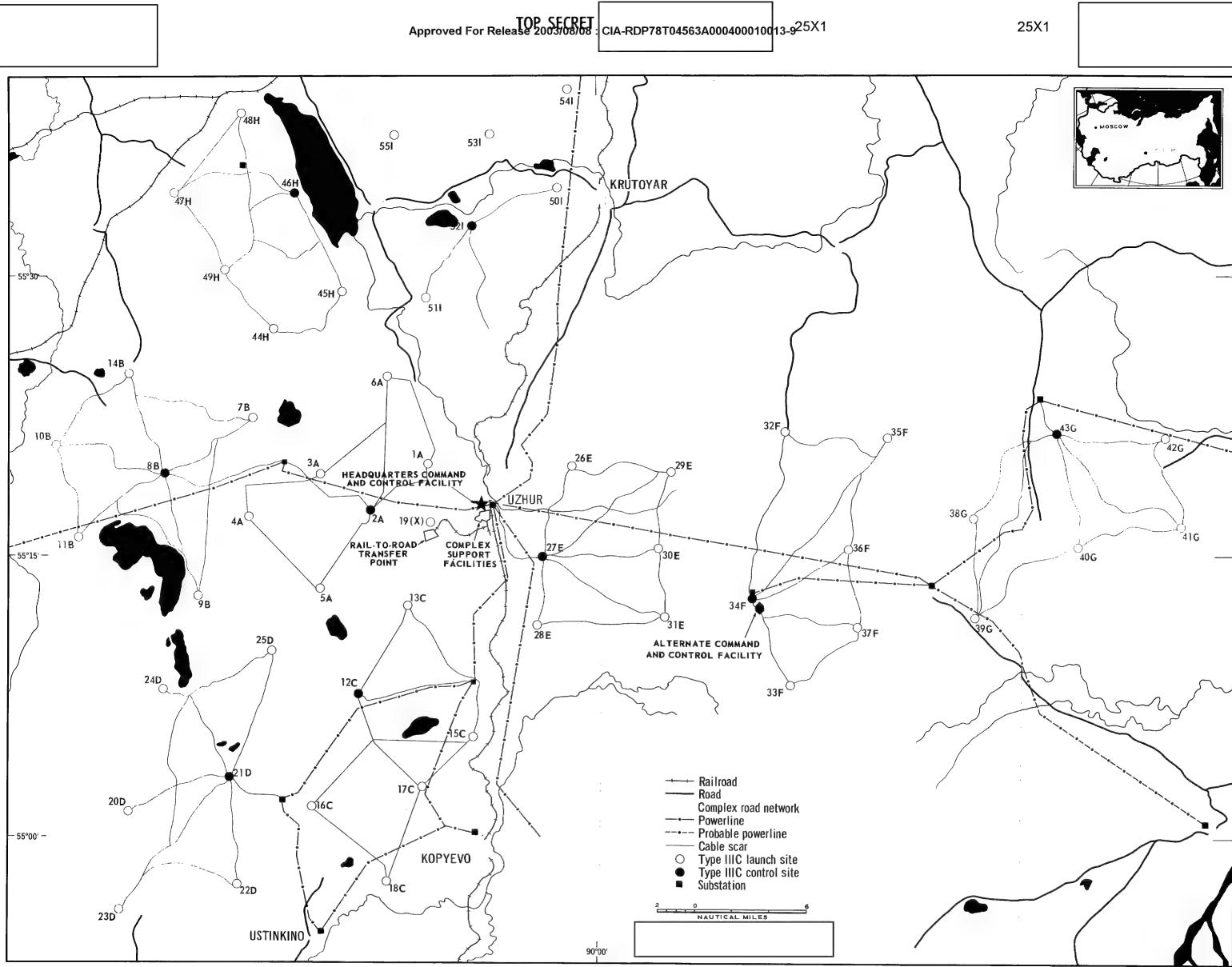


FIGURE 7. UZHUR ICBM COMPLEX, USSR

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Table 6. Data on Facilities at the Zhangji-Take ICBM Complex

Facilities		Completion or Cluster Stage	Geographic Coords Lat° Long'		200 Chart	
Group	Site		Lat°	Long'		
Zhangji-Take			49-15-00N	081-09-00E		
ICBM Complex						
HQ Com & control						
for ICBM						
for receiving						
fac						
Alternate						
command &						
control fac						
(25 km N of HCC)						
Translating						
partially						
55 km NNW of HCC)						
Given						
Support						
fac						
Dist to						
road						
transfer						
point						
49-11-20N	081-11-10E					
Late	49-16-21N	081-08-00E				
	49-50-01N	080-47-01E				
	49-12-17N	081-10-33E				
	49-11-55N	081-08-11E				

Facility Group & Site	Type	Altitude	Geographic Coords Lat° Long'	200 Chart	Approx Elevation (metres) (feet)	Search Group & Site	Type	Altitude	Geographic Coords Lat° Long'		200 Chart	Approx Elevation (metres) (feet)
									Lat°	Long'		
Group A												
1A*	HIC		49-11-40N 080-10-47E	17HL								
2A	HIC		49-13-38N 080-10-44E	17HL								
3A	HIC		49-13-38N 080-13-50E	17HL								
4A	HIC		49-10-53N 081-09-04E	17HL								
5A	HIC		49-08-47N 081-02-50E	17HL								
6A	HIC		49-08-32N 080-02-51E	17HL								
Group B												
7B	HIC		49-15-38N 080-09-04E	17HL								
8B	HIC		49-23-38N 080-07-37E	17HL								
9B	HIC		49-25-13N 080-04-58E	17HL								
10B	HIC		49-13-41N 080-04-59E	17HL								
11B	HIC		49-17-44N 081-09-53E	17HL								
12B	HIC		49-22-27N 081-06-50E	17HL								
Group C												
13C	HIC		49-03-40N 081-14-00E	17HL								
14C*	HIC		49-10-03N 081-21-20E	17HL								
15C	HIC		49-03-13N 081-23-50E	17HL								
16C	HIC		49-03-13N 081-23-50E	17HL								
17C	HIC		49-01-20N 081-29-25E	17HL								
18C	HIC		49-03-27N 081-18-55E	17HL								
Group D												
19D	HIC	315	49-01-38N 080-04-55E	17HL								
20D	HIC	315	49-03-20N 081-03-27E	17HL								
21D*	HIC	315	48-57-21N 081-05-52E	17HL								
22D	HIC	315	48-55-02N 081-06-02E	17HL								
23D	HIC	315	48-53-08N 081-06-58E	17HL								
24D	HIC	315	48-48-41N 081-02-08E	17HL								
25D	HIC	315	48-48-41N 081-02-08E	17HL								

\*Continued.

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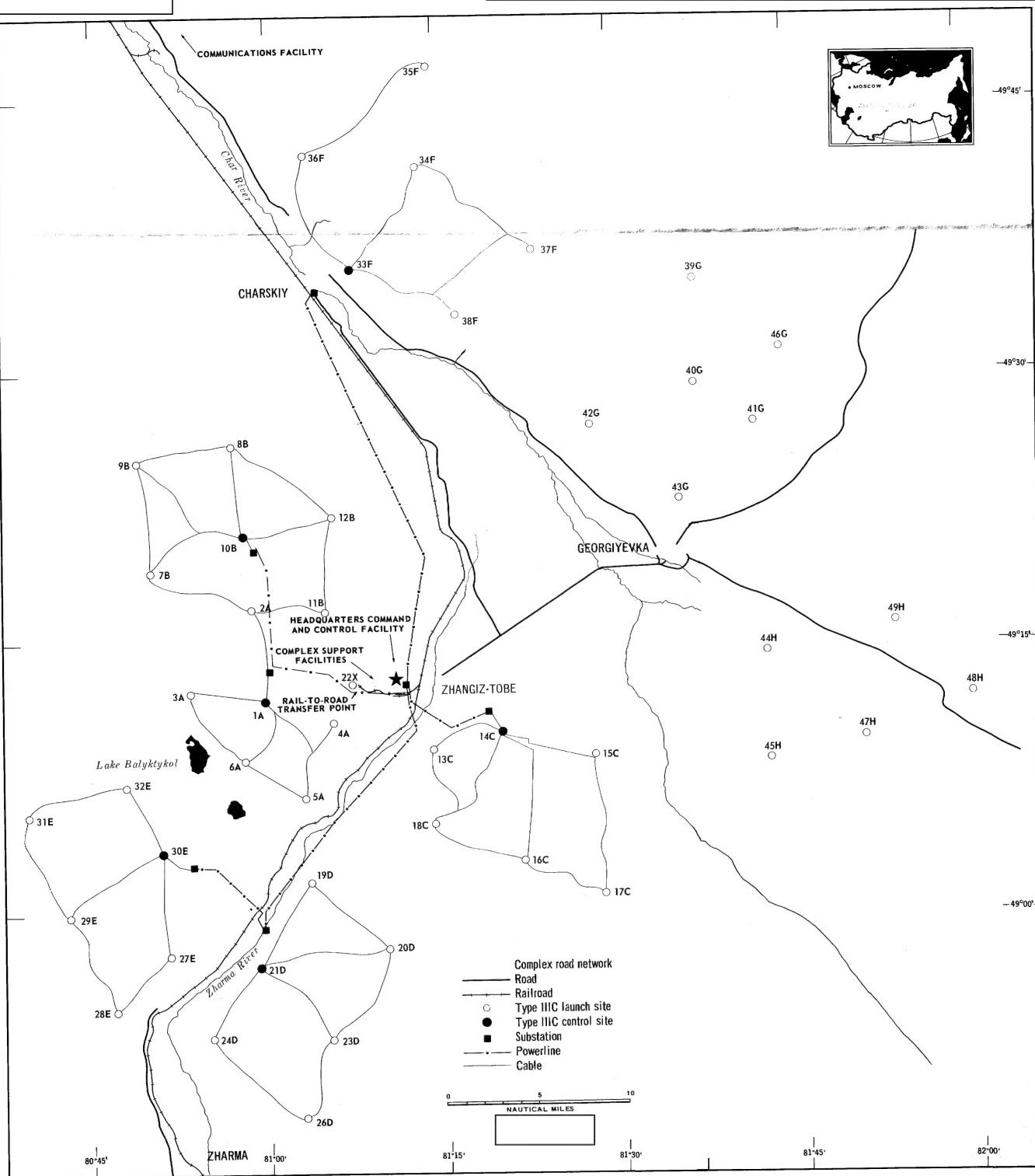


FIGURE 8. ZHANGIZ-TOBE ICBM COMPLEX, USSR

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**Imeni Gastello ICBM Complex**

The Imeni Gastello ICBM Complex (Figure 5 and Table 3), in the south-central part of the steppe region of western Siberia, approximately 300 nm southeast of Magnitogorsk, has a total of 48 launch sites. These sites are in eight launch groups, designated A through H. Since the latest report<sup>5</sup> two of these launch groups have been identified -- the G group [redacted]

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[redacted] and the H group [redacted]

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The E group was completed [redacted] bringing the number of completed groups to five. The F group when observed [redacted] was in a very late stage of construction.

The alternate command and control facility is adjacent to launch site 34F and is in the midstage of construction.

**Kartaly ICBM Complex**

The Kartaly ICBM Complex<sup>6</sup> (Figure 6 and Table 4), in the west-central part of the steppe region approximately 60 nm east-southeast of Magnitogorsk, has a total of 36 launch sites in six groups, designated A through F. No new groups have been identified at this complex [redacted]. The reason for the lack of a new group start, plus the slower than usual construction pace for the latest two groups at this complex, is not known.

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Five of the six groups are complete, with the E group being completed [redacted]. Previously five sites were identified in the F group [redacted]. Two more sites were identified in the F group and one (43F) of the previously identified sites was abandoned. The F group now has the full complement of six sites, which are in the midstage of construction.

A miniature type IIIC site, approximately one-fifth the size of a normal site, was identified adjacent to the training site, 27X [redacted].

The alternate command and control facility is adjacent to launch site 32E and is in the midstage of construction.

**Uzhur ICBM Complex**

The Uzhur ICBM Complex (Figure 7 and Table 5), in the southeastern mountain region of western Siberia, is the easternmost of the six SS-9 complexes. The complex has a total of 54 launch sites in nine launch groups, designated A through I. Since the latest report,<sup>7</sup> the I group was identified [redacted].

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The H group was completed [redacted] bringing the number of completed groups to eight.

The alternate command and control facility, adjacent to launch site 34F, was complete [redacted].

**Zhangiz-Tobe ICBM Complex**

The Zhangiz-Tobe ICBM Complex (Figure 8 and Table 6) is approximately 80 nm southeast of Semipalatinsk in the high steppe region of northeastern Soviet central Asia. Presently 47 launch sites are identified in eight launch groups, with only five sites thus far identified in the H group. These launch groups are designated A through H. Since the latest report<sup>8</sup> two groups, G and H, have been identified [redacted]. The E group was completed [redacted] bringing the number of completed launch groups to five. The F group was in a late stage of construction when last observed [redacted].

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The alternate command and control facility is adjacent to launch site 33F and is in a late stage of construction.

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DOCUMENTS

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1. NPIC. [redacted] *Rail-to-Road Transfer Points at SS-9 ICBM Complexes, Oct 68* (TOP SECRET)

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2. NPIC. [redacted] *Summary of HF Communications Facilities Associated with the Soviet Rocket Forces ICBM Command and Control Structure, Aug 69* (TOP SECRET)

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3. NPIC. [redacted] *Aleksk ICBM Complex, USSR, Apr 69* (TOP SECRET)

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4. NPIC. [redacted] *Dombarovskiy ICBM Complex, USSR, May 69* (TOP SECRET)

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5. NPIC. [redacted] *Imeni Gastello ICBM Complex, USSR, Apr 69* (TOP SECRET)

6. NPIC. [redacted] *Kartaly ICBM Complex, USSR, Jun 69* (TOP SECRET)

7. NPIC. [redacted] *Uzhur ICBM Complex, USSR, Apr 69* (TOP SECRET)

8. NPIC. [redacted] *Zhangiz-Tobe ICBM Complex, USSR, Apr 69* (TOP SECRET)

RELATED DOCUMENTS

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NPIC. [redacted] *Construction Techniques: SS-9 ICBM Launch Site and Control Facility, Mar 69* (TOP SECRET)

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NPIC. [redacted] *Soviet ICBM Headquarters Command and Control Facilities, Dec 68* (TOP SECRET)

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REQUIREMENT

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